

ABSTRACT OF THE DISCLOSURE

A piezoelectric sheet, ~~which comprises~~ includes a matrix comprising a polyimide, or a silicone rubber or an epoxy resin, and [[a]] at least one cubic lead zirconate titanate single-crystal particle dispersed in the matrix, wherein (100) plane of said the at least one single-crystal particle is oriented parallel to a plane of said the sheet, and said the at least one single-crystal particle penetrates the plane of said the sheet from one to the other side. Conventionally, since the ~~constituent crystal particles are randomly oriented, properties of the crystal particles are obtained as the average values of the properties of the individual particles.~~ In contrast, according to the ~~piezoelectric sheet of the present invention, since the cubic PZT single-crystal particles have been disposed so that (100) axes are oriented perpendicularly to the plane of the sheet, the PZT can have the properties inherent in the (100) planes.~~